INSTALL GUIDE WITH GM5 T-HARNESS

RETAINS STEERING WHEEL CONTROLS, ONSTAR™, ONSTAR™ BLUETOOTH, XM™ SATELLITE AND MORE!

PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro GM5 Installation Harness

OPTIONAL ACCESSORIES

None

PROGRAMMED FIRMWARE

ADS-RR(SR)-GMS05-DS-EN

NOTICE: Automotive Data Solutions Inc. (ADS) accepts no responsability for any electrical damage resulting from improper installation of this product, be that either damage to the vehicle itself or to the installed device. ADS recommends having this installation performed by a certified technician. Please review this guide carefully before beginning any work. Logos and trademarks used herein are the properties of their respective owners.

Automotive Data Solutions Inc. © 2013

WELCOME

Congratulations on the purchase of your iDatalink Maestro RR Radio replacement solution. You are now s few simple steps away from enjoying your new car radio with enhanced features. To complete the installation of your product, please follow the step-by-step instructions outlined below.

1- INSTALL THE WEBLINK UPDATER PLUG-IN

- Go to "http://maestro.idatalink.com/support#tab=_ weblink-plugin" and read the system requirements
- Click the DOWNLOAD NOW button and run the setup.exe file

2- REGISTER A WEBLINK ACCOUNT

- Go to "http://maestro.idatalink.com/weblink/user/ registration" and complete the CONSUMER registration form.
- You will receive a confirmation email. Click on the included link to activate your Weblink account.

3- PROGRAM FIRMWARE TO YOUR MAESTRO MODULE

- Connect your Mestro module to your PC using the included
- USB programming cable included in your iDatalink Maestro box.
- Follow the WEBLINK REFERENCE included on page 3.

4- INSTALL YOUR MAESTRO MODULE IN YOUR VEHICLE

- Choose one of the following install types

INSTALL TYPE 1

Used for vehicles with a factory amplifier*

- Follow the INSTALLATION INSTRUCTIONS listed on page 4.
- Refer to the WIRING DIAGRAM included on page 5.

INSTALL TYPE 2

Used for vehicles without a factory amplifier*

- Follow the INSTALLATION INSTRUCTIONS listed on page 6.
- Refer to the WIRING DIAGRAM included on page 7.

INSTALL TYPE 3

Used with the installation of an aftermarket amplifier

- Follow the INSTALLATION INSTRUCTIONS listed on page 8.
- Refer to the WIRING DIAGRAM included on page 9.

*HOW TO DETERMINE IF YOUR VEHICLE IS EQUIPPED WITH A FACTORY AMPLIFIER

- Follow one of the two methods outlined below.

METHOD 1:

- Look for the following logos in the vehicle.
- They are usually on the speaker covers or on the radio unit.
- If you find any of the following logos Bose, Pioneer or Monsoon, you have a factory amplifier.

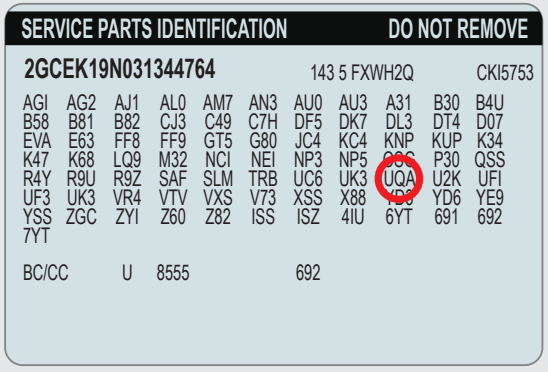
BOSE®

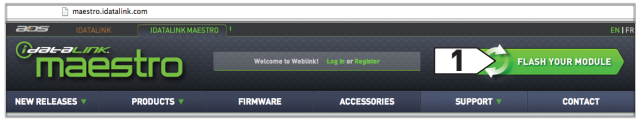
Pioneer

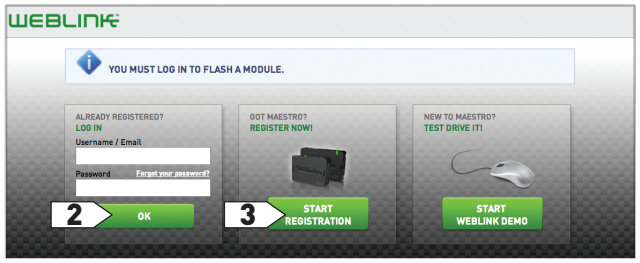
MONSOON®

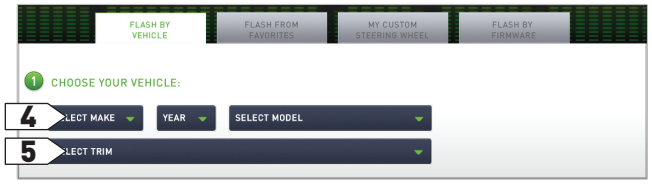
METHOD 2:

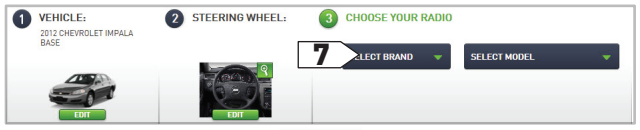
- Look for the following sticker in the glove box.
- This sticker will indicate all the Regular Production Option (RPO) codes.
- If you find any of the following codes UQA, UQS, UQ3, or UQG, you have a factory amplifier.


SERVICE PARTS IDENTIFICATION
DO NOT REMOVE
2GCEK19N031344764
143 5 FXWH2Q
CKI5753
AGI AG2 AJ1 AL0 AM7 AN3 AU0 AU3 A31 B30 B4U
B58 B81 B82 CJ3 C49 C7H DF5 DK7 DL3 DT4 D07
EVA E63 FF8 FF9 GT5 G80 JC4 KC4 KNP KUP K34
K47 K68 LQ9 M32 NCI NEI NP3 NP5 P30 QSS
R4Y R9U R9Z SAF SLM TRB UC6 UK3 UQA U2K UFI
UF3 UK3 VR4 VTV VXS V73 XSS X88 YD6 YE9
YSS ZGC ZYI Z60 Z82 ISS ISZ 4IU 6YT 691 692
7YT
BC/CC U 8555 692

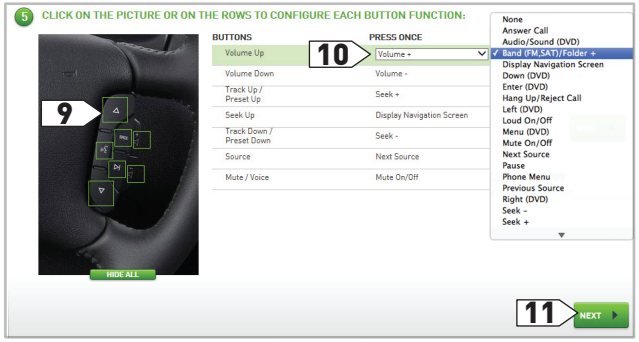


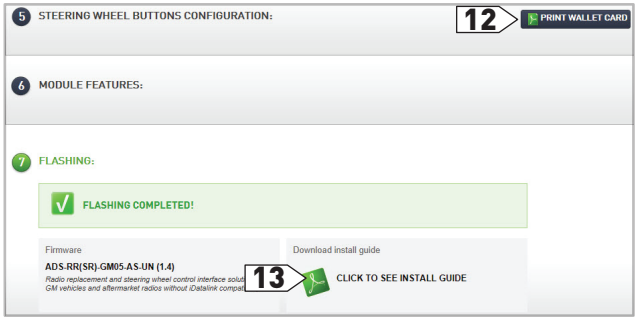






4 CHOOSE THE OEM SYSTEMS TO RETAIN:
Steering Wheel Controls
8
Factory Amplifier
Onstar
Satellite Radio
All trademarks illustrated above are properties of their respective owners.
Automotive Data Solutions Inc. n'a aucune affiliation avec ces compagnies..
NEXT





1- Visit maestro.idatalink.com and click on FLASH YOUR MODULE to access the WEBLINK menu.

2- Log in if you are already registered.
3- Create an account if you are not registered.

4- Select your vehicle's make, year and model.
5- Select your vehicle's factory radio trim. This is not to be confused with the aftermarket radio that you are about to install.

6- Select the steering wheel that matches the one in your vehicle. Only the radio related control buttons must match. Cruise control buttons and other kinds of buttons are not important. If you choose a non matching steering wheel, some GM features may not work.

7- Select the brand and the model of the aftermarket radio that you are about to install. Then enter the serial number of the aftermarket radio you are installing.

8- On this screen, check the boxes next to the features you wish to retain and uncheck the ones you want to remove. If a feature is grayed out, it cannot be retained with the current selection. Click on the feature to see how to retain it. If a feature is not shown, it is not available for the selected vehicle.

9- Click to change the functions of your steering wheel buttons.
10- If a function is not shown in the drop down menu, it means that it's not supported by the radio.
11- Click on NEXT to program your module.

12- Click to view and print your wallet card.
13- Click to see your install guide.

14- This is a wallet card example.

Every step description is illustrated on the next page.

STEP 1:
- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the GM5 T-harness and match the wire functions.

STEP 2:
- Remove the factory radio.
- Connect the factory harness to the GM5 T-harness.
- Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 3:
- Access the OBDII connector located under the driver side dashboard.
- Connect the BROWN/RED wire of the GM5 T-harness to the TAN/BLACK wire of the OBDII connector located at pin 6.
- Connect the BROWN/YELLOW wire of the GM5 T-harness to the TAN wire of the OBDII connector located at pin 14.

STEP 4:
- Plug the aftermarket radio harnesses into the aftermarket radio.
- Insert the LEFT FRONT white RCA connector from the GM5 T-harness into the LEFT FRONT RCA output of the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

NOTES:
The RCA connector labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
The RCA connector labeled CENTER IN can be used to feed the center channel of the factory amplifier.
The RCA connectors labeled BACKUP CAM can be used to retain the functionality of the factory backup camera.

STEP 5:
- Connect all the harnesses to the Maestro RR module then proceed to module setup.

MODULE SETUP:
- Insert the key into the ignition and turn it to the ACC position.
- The Radio will turn on and the setup screen will appear.

Choose one of the two Bluetooth OPTIONS below:

OPTION 1:
This option lets the factory Bluetooth system handle calls and the aftermarket Bluetooth system stream Audio.

To use the factory Bluetooth system:
(The factory Bluetooth system is OFF by default)
- Scroll down to GM setup and press SET
- Go to the OEM Bluetooth and press ON
- Press the BACK button (circular shaped arrow)
- Scroll down then press FINISH

OPTION 2:
This option lets the aftermarket Bluetooth system handle calls and stream Audio.

To use the aftermarket Bluetooth system:
- Scroll to the bottom of the setup screen and press FINISH
- Install the aftermarket microphone

WARNING: Aftermarket Bluetooth system
If your phone is paired to the Factory Bluetooth system you must delete the pairing from the phone to the Factory Bluetooth system.

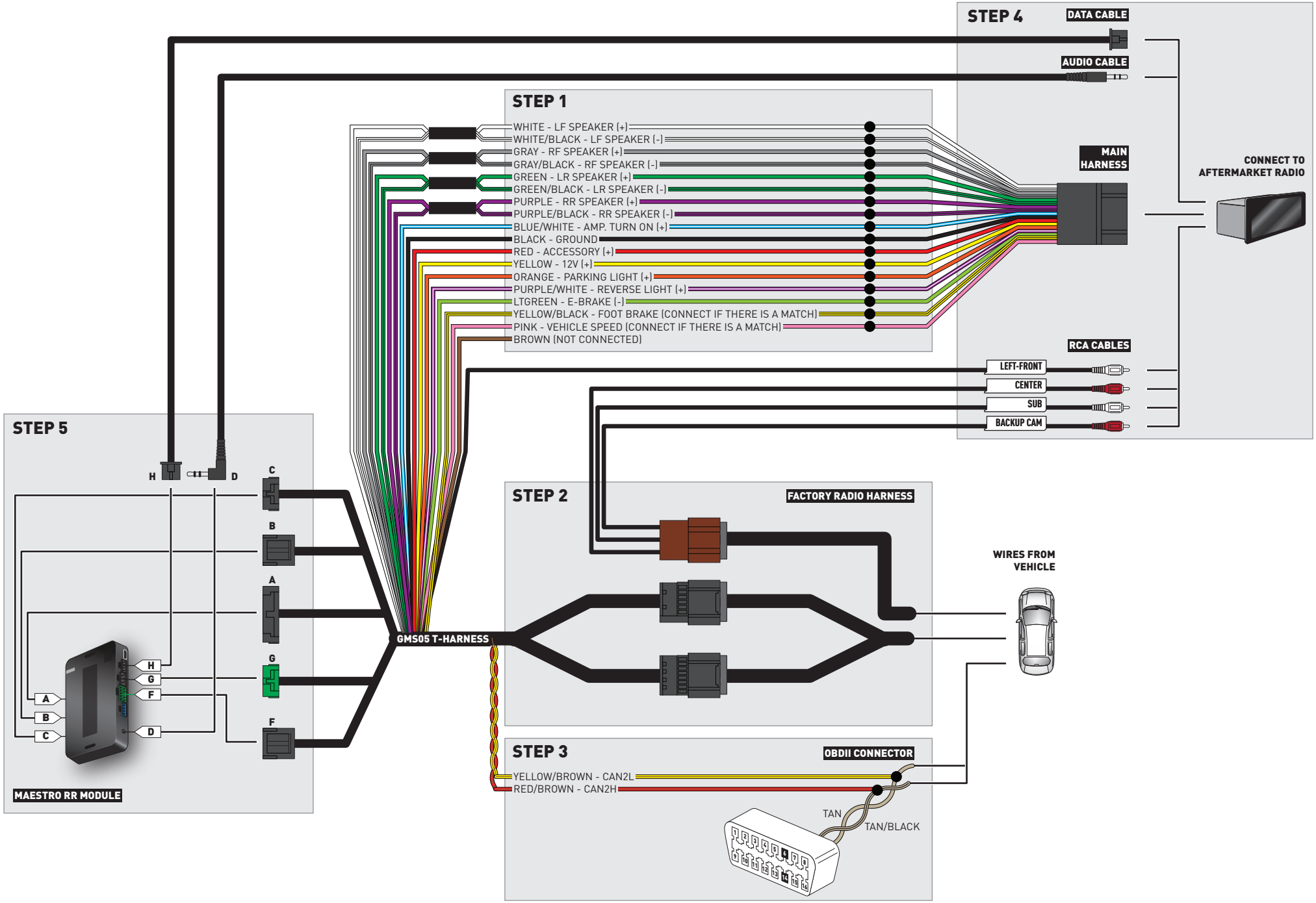
For more information and programming procedures, see the aftermarket Bluetooth system and the factory Bluetooth system owner's manuals.

The module is now programmed and ready to be used.
To access the new menus, press on GM FEATURES.

Insert the aftermarket radio in the dashboard housing and test all the functionalities. Reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:
- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.

- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"


STEP 4
DATA CABLE
AUDIO CABLE
MAIN HARNESS
CONNECT TO AFTERMARKET RADIO
RCA CABLES
LEFT-FRONT
CENTER
SUB
BACKUP CAM
STEP 1
WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - PARKING LIGHT (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
YELLOW/BLACK - FOOT BRAKE (CONNECT IF THERE IS A MATCH)
PINK - VEHICLE SPEED (CONNECT IF THERE IS A MATCH)
BROWN (NOT CONNECTED)
STEP 5
H
D
C
B
A
G
F
H
G
F
A
B
C
D
MAESTRO RR MODULE
GMS05 T-HARNESS
STEP 2
FACTORY RADIO HARNESS
WIRES FROM VEHICLE
STEP 3
OBDII CONNECTOR
YELLOW/BROWN - CAN2L
RED/BROWN - CAN2H
TAN
TAN/BLACK

Every step description is illustrated on the next page.

STEP 1:
- Unbox the aftermarket radio and locate its main harness.
- Cut the level matching circuits from the GM5 T-harness, they are not required.

STEP 2:
- Connect the wires shown on the next page from aftermarket radio main harness to the GM5 T-harness and match the wire functions.

STEP 3:
- Remove the factory radio.
- Connect the factory harness to the GM5 T-harness.
- Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4:
- Access the OBDII connector located under the driver side dashboard.
- Connect the BROWN/RED wire of the GM5 T-harness to the TAN/BLACK wire of the OBDII connector located at pin 6.
- Connect the BROWN/YELLOW wire of the GM5 T-harness to the TAN wire of the OBDII connector located at pin 14.

STEP 5:
- Plug the aftermarket radio harnesses into the aftermarket radio.
- Insert the LEFT FRONT white RCA connector from the GM5 T-harness into the LEFT FRONT RCA output of the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

NOTES:
The RCA connectors labeled SUB IN and CENTER IN are not used.
The RCA connectors labeled BACKUP CAM can be used to retain the functionality of the factory backup camera.

STEP 6:
- Connect all the harnesses to the Maestro RR module then proceed to module setup.

MODULE SETUP:
- Insert the key into the ignition and turn it to the ACC position.
- The Radio will turn on and the setup screen will appear.

Choose one of the two Bluetooth OPTIONS below:

OPTION 1:
This option lets the factory Bluetooth system handle calls and the aftermarket Bluetooth system stream Audio.

To use the factory Bluetooth system:
(The factory Bluetooth system is OFF by default)
- Scroll down to GM setup and press SET
- Go to the OEM Bluetooth and press ON
- Press the BACK button (circular shaped arrow)
- Scroll down then press FINISH

OPTION 2:
This option lets the aftermarket Bluetooth system handle calls and stream Audio.

To use the aftermarket Bluetooth system:
- Scroll to the bottom of the setup screen and press FINISH
- Install the aftermarket microphone

WARNING: Aftermarket Bluetooth system
If your phone is paired to the Factory Bluetooth system you must delete the pairing from the phone to the Factory Bluetooth system.

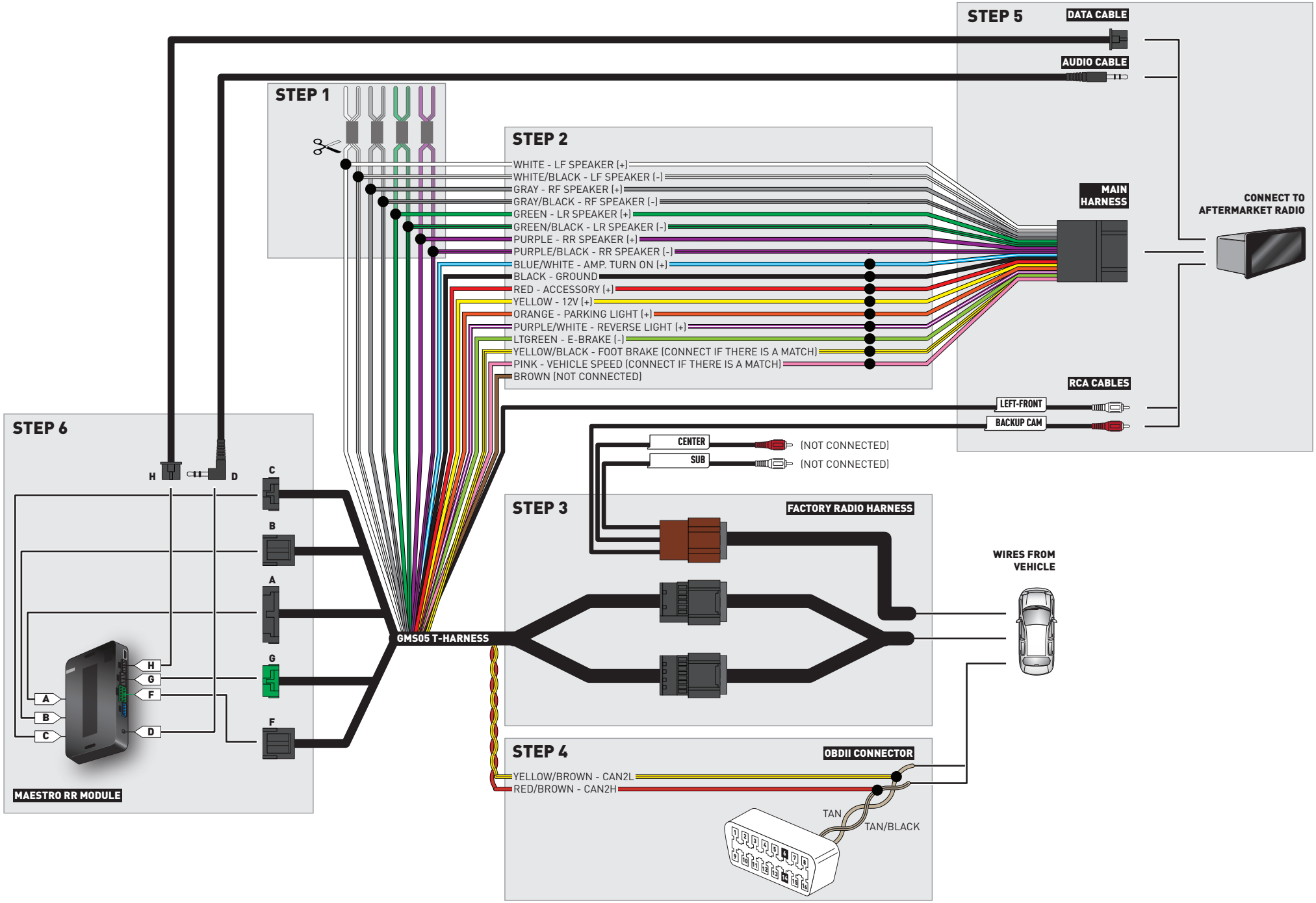
For more information and programming procedures, see the aftermarket Bluetooth system and the factory Bluetooth system owner's manuals.

The module is now programmed and ready to be used.
To access the new menus, press on GM FEATURES.

Insert the aftermarket radio in the dashboard housing and test all the functionalities. Reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:
- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.

- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"


STEP 5
DATA CABLE
AUDIO CABLE
STEP 1
STEP 2
WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - PARKING LIGHT (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
YELLOW/BLACK - FOOT BRAKE (CONNECT IF THERE IS A MATCH)
PINK - VEHICLE SPEED (CONNECT IF THERE IS A MATCH)
BROWN (NOT CONNECTED)
MAIN HARNESS
CONNECT TO AFTERMARKET RADIO
RCA CABLES
LEFT-FRONT
BACKUP CAM
CENTER
(NOT CONNECTED)
SUB
(NOT CONNECTED)
STEP 6
H
D
C
B
A
G
F
GMS05 T-HARNESS
STEP 3
FACTORY RADIO HARNESS
WIRES FROM VEHICLE
STEP 4
OBDII CONNECTOR
YELLOW/BROWN - CAN2L
RED/BROWN - CAN2H
TAN
TAN/BLACK
MAESTRO RR MODULE

Every step description is illustrated on the next page.

STEP 1:
- Unbox the aftermarket radio and locate its main harness.
- The speaker wire connections of the GM5 T-harness are not required.
- Connect the wires shown on the next page from aftermarket radio main harness to the GM5 T-harness and match the wire functions.

STEP 2:
- A small 4 ohm speaker is required to retain the factory warning chimes and turn signal reminder.
- Cut the BLUE (+) and BLUE/BLACK (-) wires of the GM5 T-harness B connector.
- Extend the BLUE (+) and BLUE/BLACK (-) wire sections that are going to the Maestro RR module.
- Insulate the BLUE (+) and BLUE/BLACK (-) wire sections that are going to the vehicle.
- Connect the BLUE (+) extended wire to the speaker's positive (+) terminal.
- Connect the BLUE/BLACK (-) extended wire to the speaker's negative (-) terminal.
- The speaker must be secured under the dashboard.

STEP 3:
- Remove the factory radio.
- Connect the factory harness to the GM5 T-harness.
- Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4:
- Access the OBDII connector located under the driver side dashboard.
- Connect the BROWN/RED wire of the GM5 T-harness to the TAN/BLACK wire of the OBDII connector located at pin 6.
- Connect the BROWN/YELLOW wire of the GM5 T-harness to the TAN wire of the OBDII connector located at pin 14.

STEP 5:
- Plug the aftermarket radio harnesses into the aftermarket radio.
- Insert the LEFT FRONT white RCA connector from the GM5 T-harness into the LEFT FRONT RCA output of the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

NOTES:
The RCA connector labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
The RCA connector labeled CENTER IN can be used to feed the center channel of the factory amplifier.
The RCA connectors labeled BACKUP CAM can be used to retain the functionality of the factory backup camera.

STEP 6:
- Connect all the harnesses to the Maestro RR module then proceed to module setup.

MODULE SETUP:
- Insert the key into the ignition and turn it to the ACC position.
- The Radio will turn on and the setup screen will appear.

Choose one of the two Bluetooth OPTIONS below:

OPTION 1:
This option lets the factory Bluetooth system handle calls and the aftermarket Bluetooth system stream Audio.

To use the factory Bluetooth system:
(The factory Bluetooth system is OFF by default)
- Scroll down to GM setup and press SET
- Go to the OEM Bluetooth and press ON
- Press the BACK button (circular shaped arrow)
- Scroll down then press FINISH

OPTION 2:
This option lets the aftermarket Bluetooth system handle calls and stream Audio.

To use the aftermarket Bluetooth system:
- Scroll to the bottom of the setup screen and press FINISH
- Install the aftermarket microphone

WARNING: Aftermarket Bluetooth system
If your phone is paired to the Factory Bluetooth system you must delete the pairing from the phone to the Factory Bluetooth system.

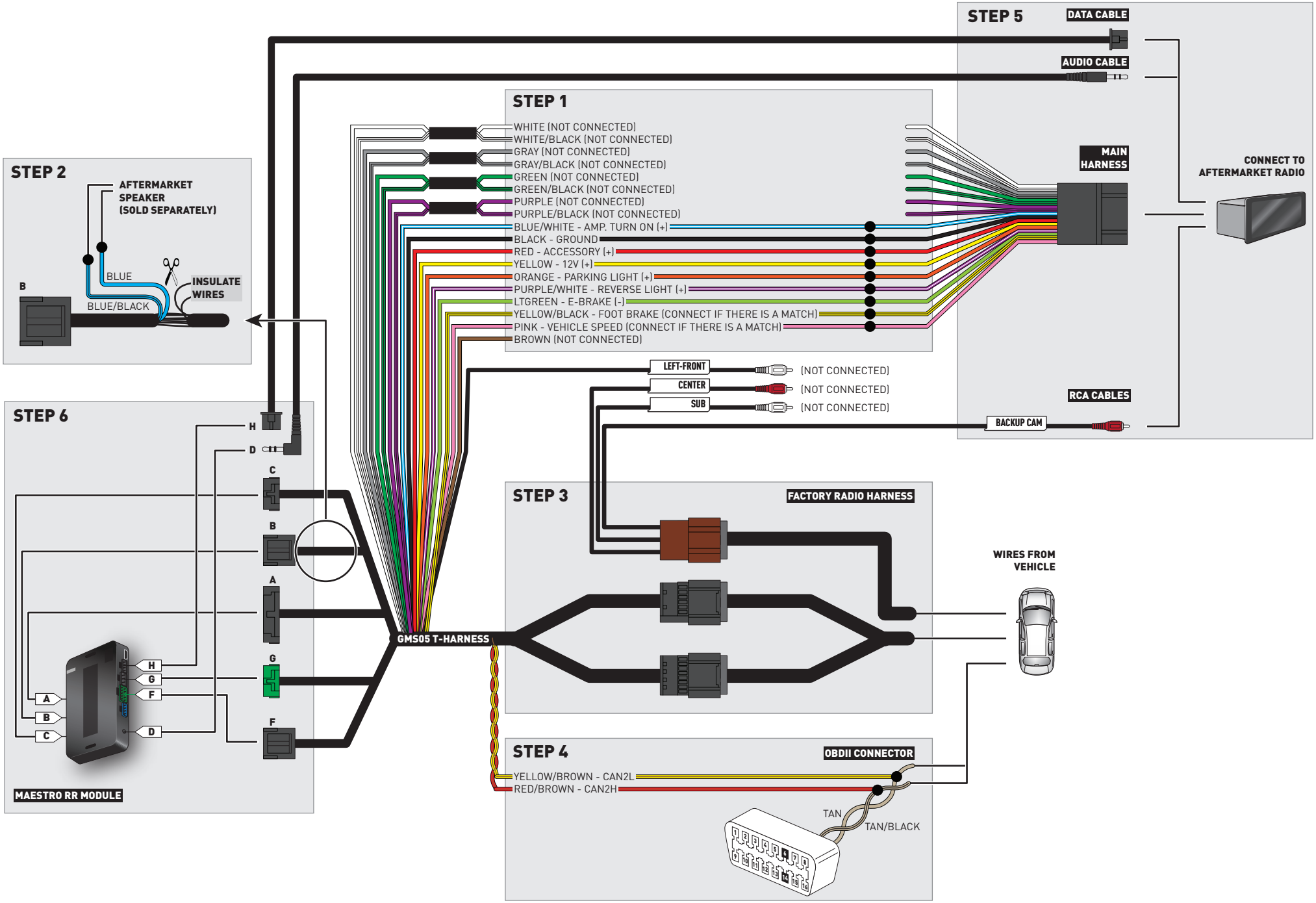
For more information and programming procedures, see the aftermarket Bluetooth system and the factory Bluetooth system owner's manuals.

The module is now programmed and ready to be used.
To access the new menus, press on GM FEATURES.

Insert the aftermarket radio in the dashboard housing and test all the functionalities. Reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:
- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.

- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"


STEP 5
DATA CABLE
AUDIO CABLE
MAIN HARNESS
CONNECT TO AFTERMARKET RADIO
RCA CABLES
BACKUP CAM
STEP 1
WHITE (NOT CONNECTED)
WHITE/BLACK (NOT CONNECTED)
GRAY (NOT CONNECTED)
GRAY/BLACK (NOT CONNECTED)
GREEN (NOT CONNECTED)
GREEN/BLACK (NOT CONNECTED)
PURPLE (NOT CONNECTED)
PURPLE/BLACK (NOT CONNECTED)
BLUE/WHITE - AMP. TURN ON (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - PARKING LIGHT (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
YELLOW/BLACK - FOOT BRAKE (CONNECT IF THERE IS A MATCH)
PINK - VEHICLE SPEED (CONNECT IF THERE IS A MATCH)
BROWN (NOT CONNECTED)
LEFT-FRONT
CENTER
SUB
(NOT CONNECTED)
(NOT CONNECTED)
(NOT CONNECTED)
STEP 2
AFTERMARKET SPEAKER (SOLD SEPARATELY)
B
BLUE
BLUE/BLACK
INSULATE WIRES
STEP 6
H
D
C
B
A
G
F
H
G
F
A
B
C
D
MAESTRO RR MODULE
GMS05 T-HARNESS
STEP 3
FACTORY RADIO HARNESS
WIRES FROM VEHICLE
STEP 4
OBDII CONNECTOR
YELLOW/BROWN - CAN2L
RED/BROWN - CAN2H
TAN
TAN/BLACK

INSTALL GUIDE WITH GM5 T-HARNESS

RETAINS STEERING WHEEL CONTROLS, ONSTAR™, FACTORY AMPLIFIER CONTROL, ANALOG OUTPUTS AND MORE!

~~11854~~

PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro GM5 Installation Harness

OPTIONAL ACCESSORIES

None

PROGRAMMED FIRMWARE

ADS-RR(SR)-GMS05-AS-EN

NOTICE: Automotive Data Solutions Inc. (ADS) accepts no responsability for any electrical damage resulting from improper installation of this product, be that either damage to the vehicle itself or to the installed device. ADS recommends having this installation performed by a certified technician. Please review this guide carefully before beginning any work. Logos and trademarks used herein are the properties of their respective owners.

Automotive Data Solutions Inc. © 2013

WELCOME

Congratulations on the purchase of your iDatalink Maestro RR Radio replacement solution. You are now s few simple steps away from enjoying your new car radio with enhanced features. To complete the installation of your product, please follow the step-by-step instructions outlined below.

1- INSTALL THE WEBLINK UPDATER PLUG-IN

- Go to "http://maestro.idatalink.com/support#tab=_ weblink-plugin" and read the system requirements
- Click the DOWNLOAD NOW button and run the setup. exe file

2- REGISTER A WEBLINK ACCOUNT

- Go to "http://maestro.idatalink.com/weblink/ user/registration" and complete the CONSUMER registration form.
- You will receive a confirmation email. Click on the included link to activate your Weblink account.

3- PROGRAM FIRMWARE TO YOUR MAESTRO MODULE

- Connect your Mestro module to your PC using the included
- USB programming cable included in your iDatalink Maestro box.
- Follow the WEBLINK REFERENCE included on page 3.

4- INSTALL YOUR MAESTRO MODULE IN YOUR VEHICLE

- Choose one of the following install types

INSTALL TYPE 1

Used for vehicles with a factory amplifier*

- Follow the INSTALLATION INSTRUCTIONS listed on page 4.
- Refer to the WIRING DIAGRAM included on page 5.

INSTALL TYPE 2

Used for vehicles without a factory amplifier*

- Follow the INSTALLATION INSTRUCTIONS listed on page 6.
- Refer to the WIRING DIAGRAM included on page 7.

INSTALL TYPE 3

Used with the installation of an aftermarket amplifier

- Follow the INSTALLATION INSTRUCTIONS listed on page 8.
- Refer to the WIRING DIAGRAM included on page 9.

*HOW TO DETERMINE IF YOUR VEHICLE IS EQUIPPED WITH A FACTORY AMPLIFIER

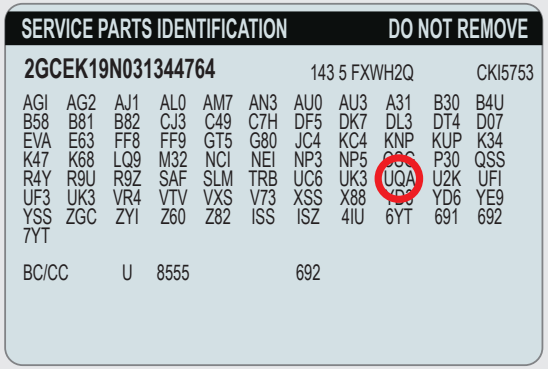
- Follow one of the two methods outlined below.

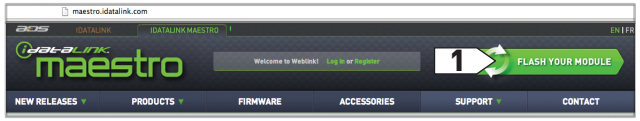
METHOD 1:

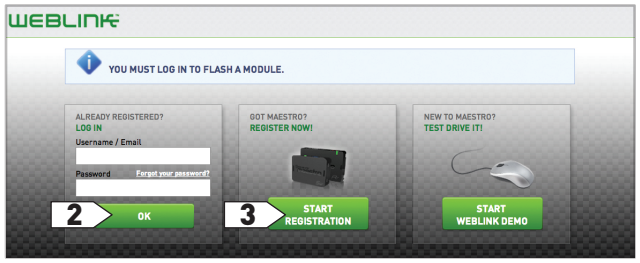
- Look for the following logos in the vehicle.
- They are usually on the speaker covers or on the radio unit.
- If you find any of the following logos Bose, Pioneer or Monsoon, you have a factory amplifier.

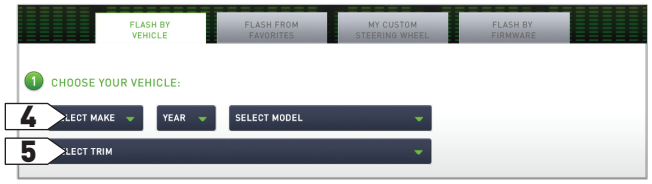
METHOD 2:

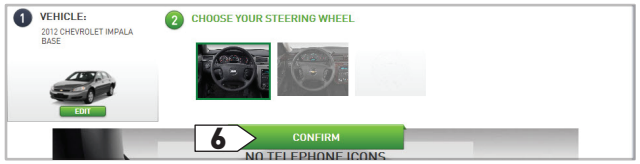
- Look for the following sticker in the glove box.
- This sticker will indicate all the Regular Production Option (RPO) codes.
- If you find any of the following codes UQA, UQS, UQ3, or UQG, you have a factory amplifier.

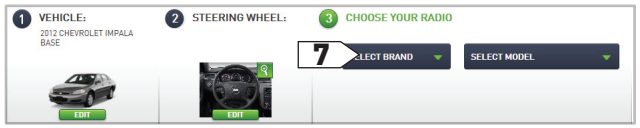

SERVICE PARTS IDENTIFICATION
DO NOT REMOVE
2GCEK19N031344764
143 5 FXWH2Q
CKI5753
AGI AG2 AJ1 AL0 AM7 AN3 AU0 AU3 A31 B30 B4U
B58 B81 B82 CJ3 C49 C7H DF5 DK7 DL3 DT4 D07
EVA E63 FF8 FF9 GT5 G80 JC4 KC4 KNP KUP K34
K47 K68 LQ9 M32 NCI NEI NP3 NP5 P30 QSS
R4Y R9U R9Z SAF SLM TRB UC6 UK3 UQA U2K UFI
UF3 UK3 VR4 VTV VXS V73 XSS X88 YD6 YE9
YSS ZGC ZYI Z60 Z82 ISS ISZ 4IU 6YT 691 692
7YT
BC/CC U 8555 692



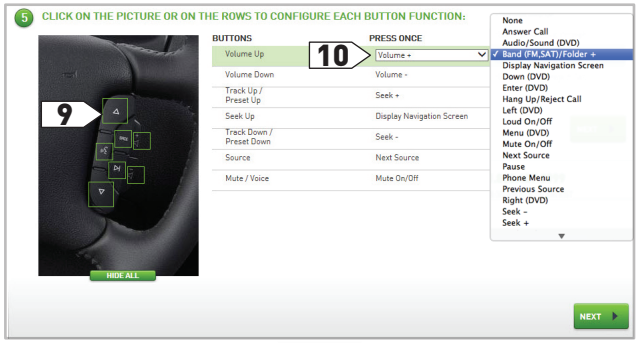


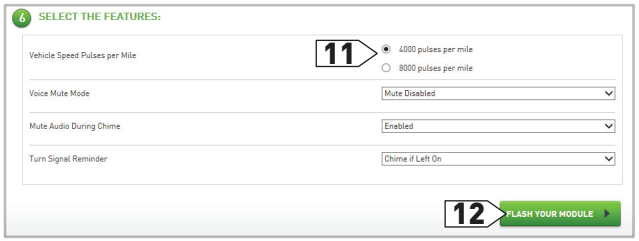


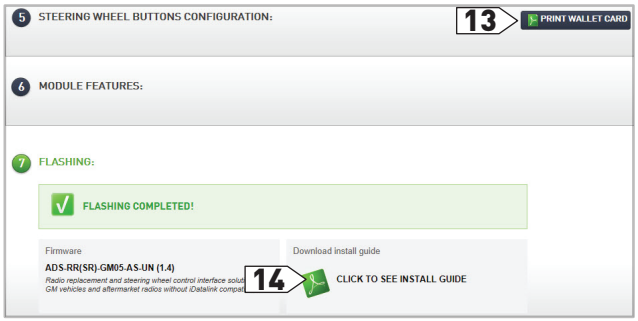


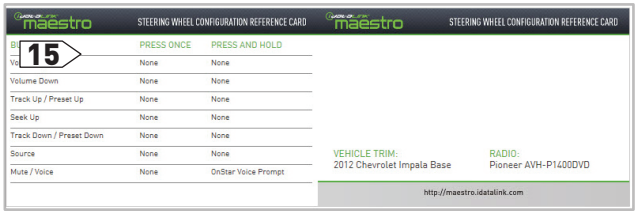


4 CHOOSE THE OEM SYSTEMS TO RETAIN:
Steering Wheel Controls
8
Factory Amplifier
Onstar
Satellite Radio
All trademarks illustrated above are properties of their respective owners.
Automotive Data Solutions Inc. n'a aucune affiliation avec ces compagnies..
NEXT









1- Visit maestro.idatalink.com and click on FLASH YOUR MODULE to access the WEBLINK menu.

2- Log in if you are already registered.
3- Create an account if you are not registered.

4- Select your vehicle's make, year and model.
5- Select your vehicle's factory radio trim. This is not to be confused with the aftermarket radio that you are about to install.

6- Select the steering wheel that matches the one in your vehicle. Only the radio related control buttons must match. Cruise control buttons and other kinds of buttons are not important. If you choose a non matching steering wheel, some GM features may not work.

7- Select the brand and the model of the aftermarket radio that you are about to install. Then enter the serial number of the aftermarket radio you are installing.

8- On this screen, check the boxes next to the features you wish to retain and uncheck the ones you want to remove. If a feature is grayed out, it cannot be retained with the current selection. Click on the feature to see how to retain it. If a feature is not shown, it is not available for the selected vehicle.

9- Click to change the functions of your steering wheel buttons.
10- If a function is not shown in the drop down menu, it means that it's not supported by the radio.

11- Select and adjust your features.
12- Click on FLASH YOUR MODULE to program your module.

13- Click to view and print your wallet card.
14- Click to see your install guide.

15- This is a wallet card example.

Every step description is illustrated on the next page.

STEP 1:

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the GM5 T-harness and match the wire functions.

STEP 2:

- Remove the factory radio.
- Connect the factory harness to the GM5 T-harness.
- Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 3:

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Insert the LEFT FRONT white RCA connector from the GM5 T-harness into the LEFT FRONT RCA output of the aftermarket radio.
- Plug the Radio Control cable to aftermarket radio, as shown on the last page of the guide.
- Insert the RCA connectors into the aftermarket radio.

NOTES:
The RCA connector labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
The RCA connector labeled CENTER IN can be used to feed the center channel of the factory amplifier.
The RCA connectors labeled BACKUP CAM can be used to retain the functionality of the factory backup camera.

STEP 4:

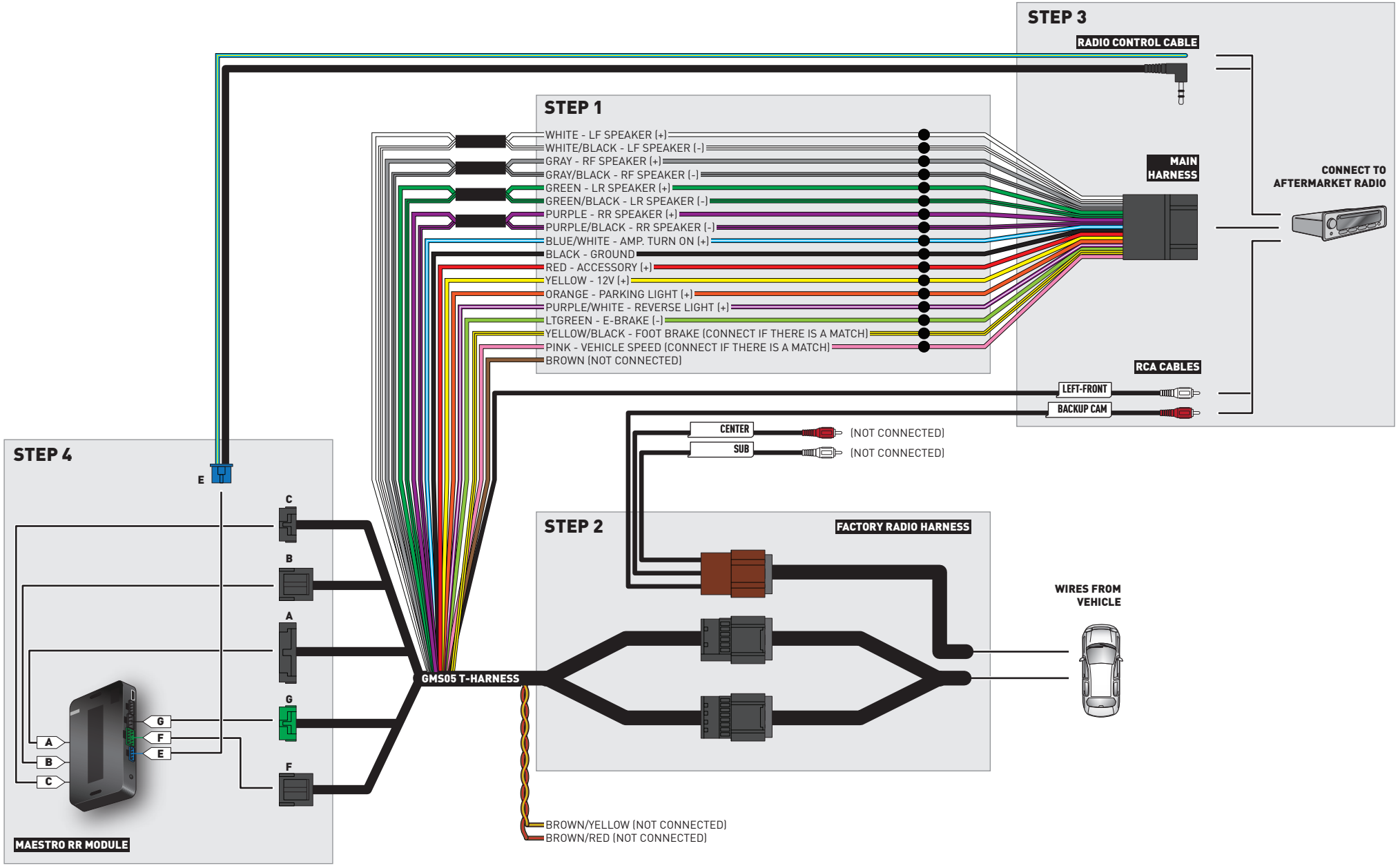
- Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities. Reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"


STEP 3
RADIO CONTROL CABLE
MAIN HARNESS
CONNECT TO AFTERMARKET RADIO
RCA CABLES
LEFT-FRONT
BACKUP CAM
CENTER
(NOT CONNECTED)
SUB
(NOT CONNECTED)
STEP 1
WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - PARKING LIGHT (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
YELLOW/BLACK - FOOT BRAKE (CONNECT IF THERE IS A MATCH)
PINK - VEHICLE SPEED (CONNECT IF THERE IS A MATCH)
BROWN (NOT CONNECTED)
STEP 4
E
C
B
A
G
F
A
B
C
G
F
E
MAESTRO RR MODULE
GMS05 T-HARNESS
STEP 2
FACTORY RADIO HARNESS
WIRES FROM VEHICLE
BROWN/YELLOW (NOT CONNECTED)
BROWN/RED (NOT CONNECTED)

Every step description is illustrated on the next page.

STEP 1:

- Unbox the aftermarket radio and locate its main harness.
- Cut the level matching circuits from the GM5 T-harness, they are not required.

STEP 2:

- Connect the wires shown on the next page from aftermarket radio main harness to the GM5 T-harness and match the wire functions.

STEP 3:

- Remove the factory radio.
- Connect the factory harness to the GM5 T-harness.
- Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4:

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Insert the LEFT FRONT white RCA connector from the GM5 T-harness into the LEFT FRONT RCA output of the aftermarket radio.
- Plug the Radio Control cable to aftermarket radio, as shown on the last page of the guide.
- Insert the RCA connectors into the aftermarket radio.

NOTES:
The RCA connectors labeled SUB IN and CENTER IN are not used.
The RCA connectors labeled BACKUP CAM can be used to retain the functionality of the factory backup camera.

STEP 5:

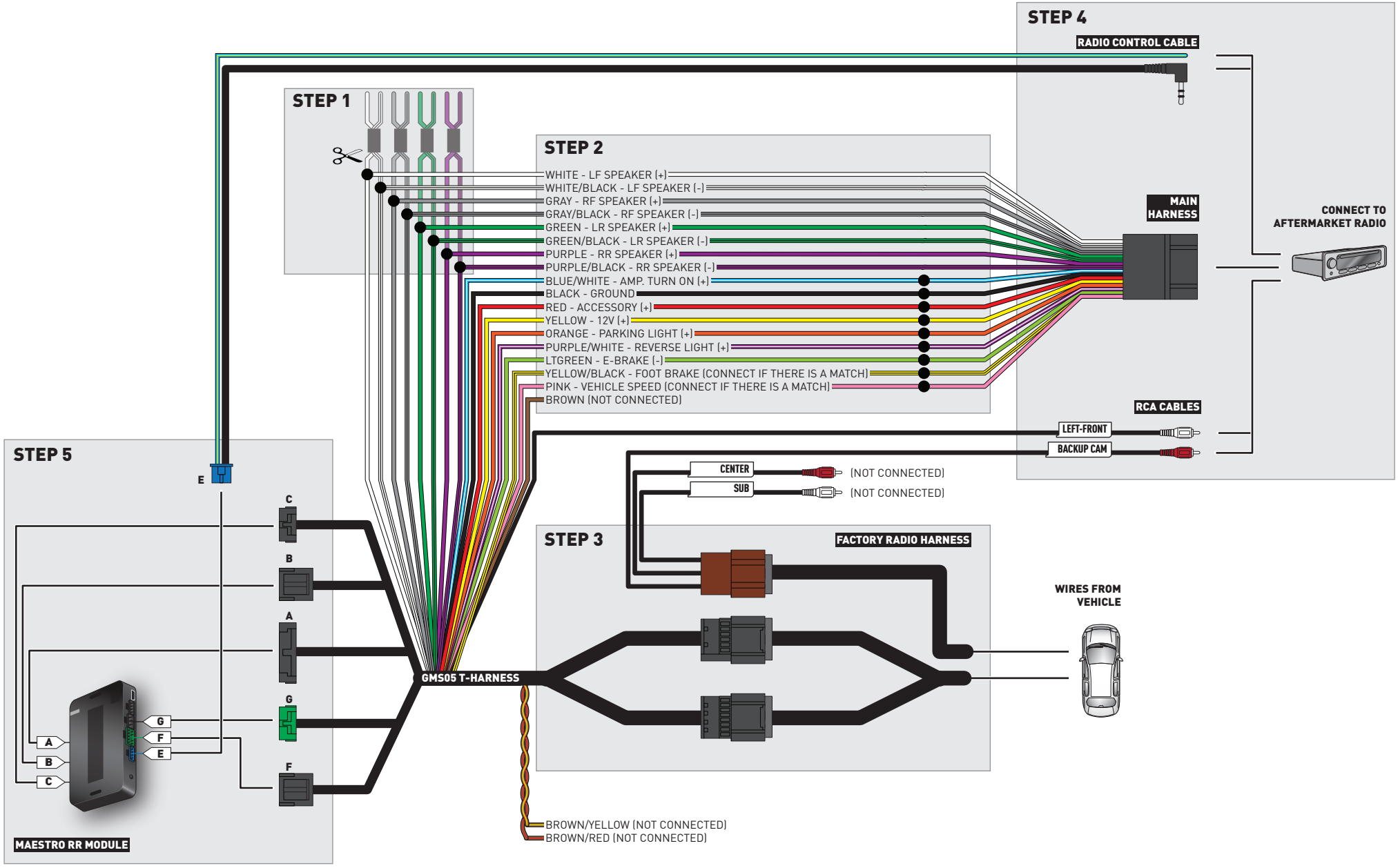
- Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

Insert the aftermarket radio in the dashboard housing and test all the functionalities. Reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"


STEP 4
RADIO CONTROL CABLE
MAIN HARNESS
CONNECT TO AFTERMARKET RADIO
RCA CABLES
LEFT-FRONT
BACKUP CAM
STEP 1
STEP 2
WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - PARKING LIGHT (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
YELLOW/BLACK - FOOT BRAKE (CONNECT IF THERE IS A MATCH)
PINK - VEHICLE SPEED (CONNECT IF THERE IS A MATCH)
BROWN (NOT CONNECTED)
CENTER
(NOT CONNECTED)
SUB
(NOT CONNECTED)
STEP 5
E
C
B
A
G
F
GMS05 T-HARNESS
STEP 3
FACTORY RADIO HARNESS
WIRES FROM VEHICLE
BROWN/YELLOW (NOT CONNECTED)
BROWN/RED (NOT CONNECTED)
MAESTRO RR MODULE

Every step description is illustrated on the next page.

STEP 1:

- Unbox the aftermarket radio and locate its main harness.
- The speaker wire connections of the GM5 T-harness are not required.
- Connect the wires shown on the next page from aftermarket radio main harness to the GM5 T-harness and match the wire functions.

STEP 2:

- A small 4 ohm speaker is required to retain the factory warning chimes and turn signal reminder.
- Cut the BLUE (+) and BLUE/BLACK (-) wires of the GM5 T-harness B connector.
- Extend the BLUE (+) and BLUE/BLACK (-) wire sections that are going to the Maestro RR module.
- Insulate the BLUE (+) and BLUE/BLACK (-) wire sections that are going to the vehicle.
- Connect the BLUE (+) extended wire to the speaker's positive (+) terminal.
- Connect the BLUE/BLACK (-) extended wire to the speaker's negative (-) terminal.
- The speaker must be secured under the dashboard.

STEP 3:

- Remove the factory radio.
- Connect the factory harness to the GM5 T-harness.
- Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4:

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Insert the LEFT FRONT white RCA connector from the GM5 T-harness into the LEFT FRONT RCA output of the aftermarket radio.
- Plug the Radio Control cable to aftermarket radio, as shown on the last page of the guide.
- Insert the RCA connectors into the aftermarket radio.

NOTES:
The RCA connector labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
The RCA connector labeled CENTER IN can be used to feed the center channel of the factory amplifier.
The RCA connectors labeled BACKUP CAM can be used to retain the functionality of the factory backup camera.

STEP 5:

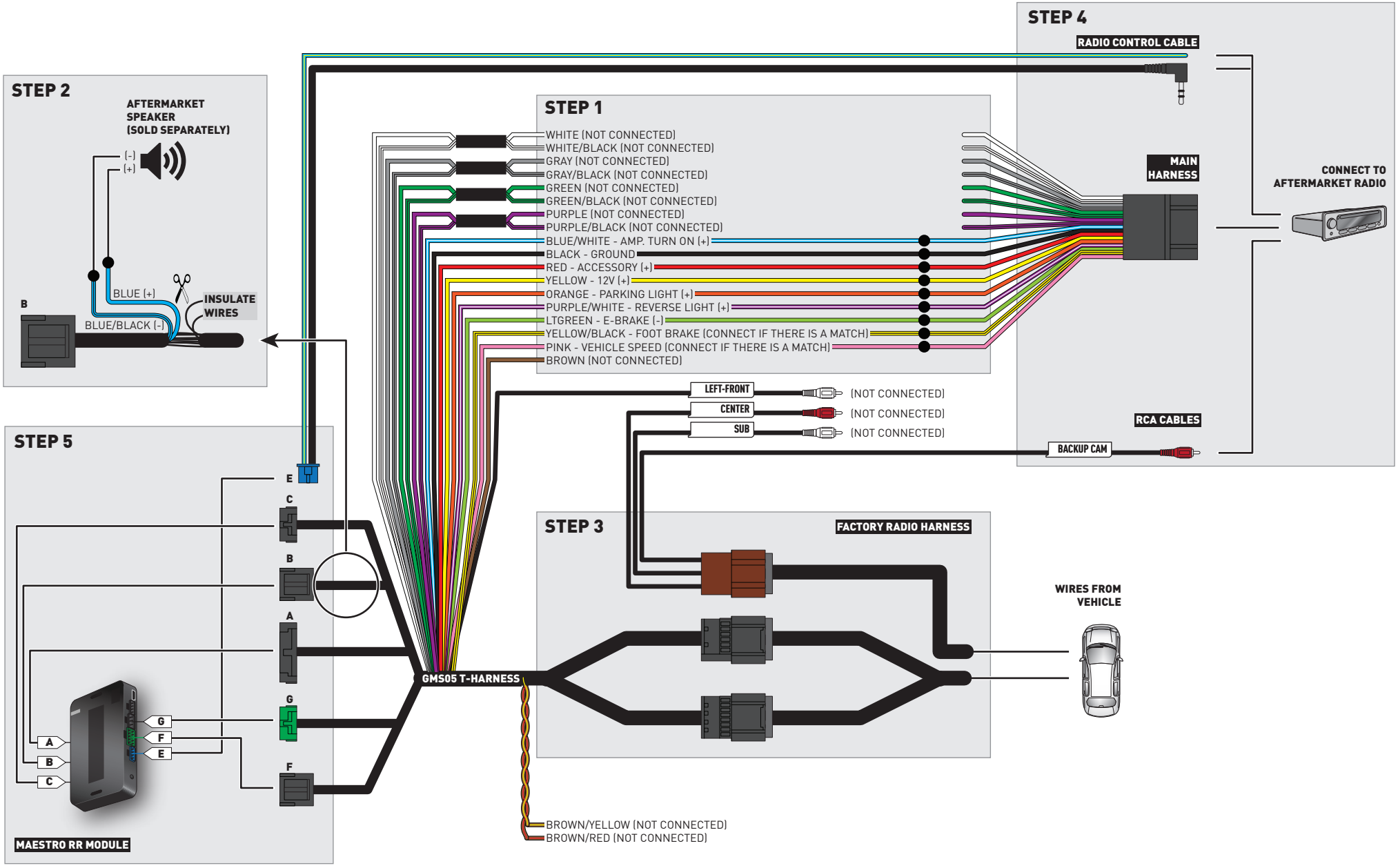
- Connect all the harnesses to the Maestro RR module.

The module is now ready to be used.

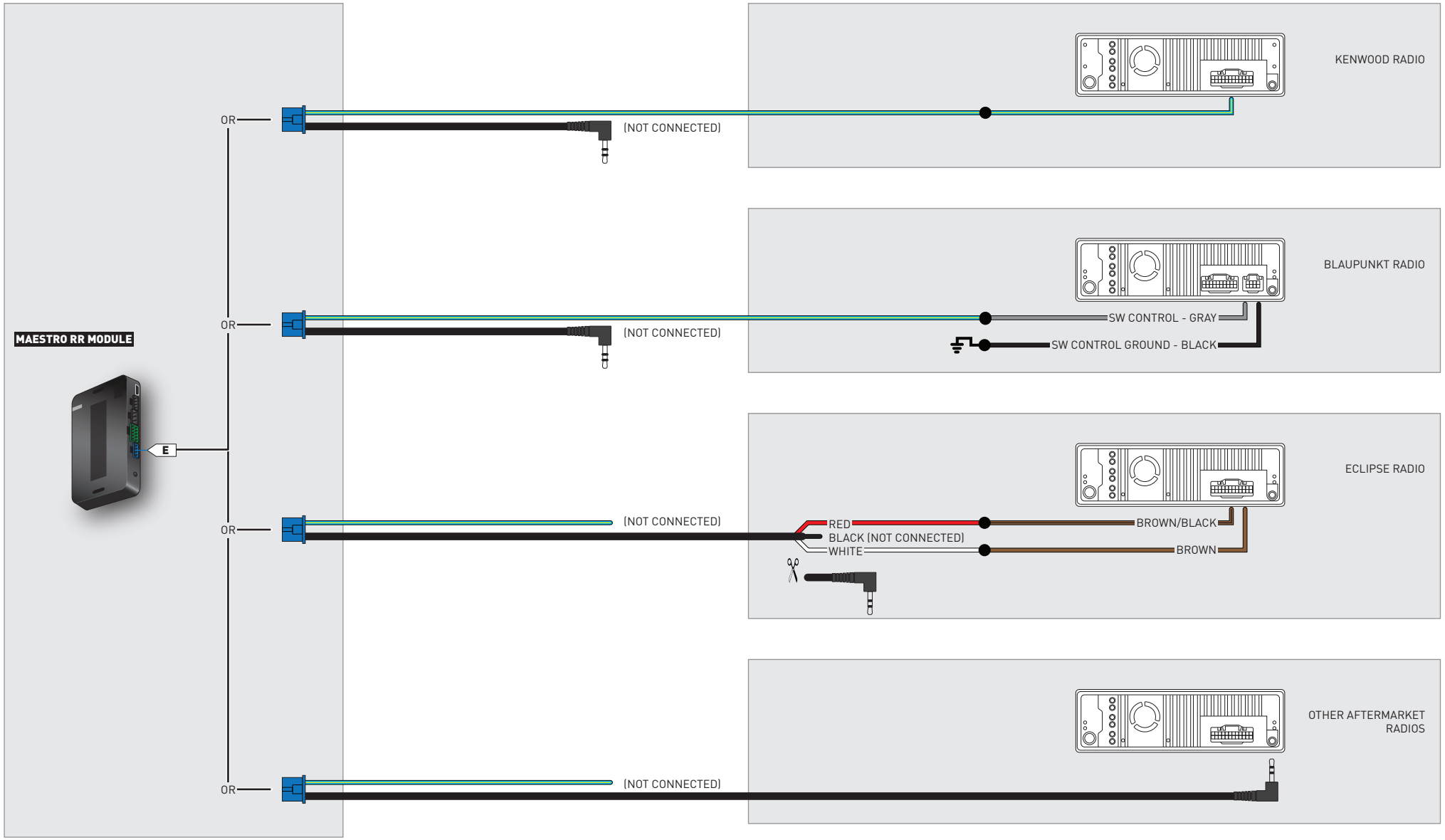
Insert the aftermarket radio in the dashboard housing and test all the functionalities. Reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"


STEP 4
RADIO CONTROL CABLE
MAIN HARNESS
CONNECT TO AFTERMARKET RADIO
RCA CABLES
BACKUP CAM
STEP 2
AFTERMARKET SPEAKER (SOLD SEPARATELY)
(-)
(+)
B
BLUE (+)
BLUE/BLACK (-)
INSULATE WIRES
STEP 1
WHITE (NOT CONNECTED)
WHITE/BLACK (NOT CONNECTED)
GRAY (NOT CONNECTED)
GRAY/BLACK (NOT CONNECTED)
GREEN (NOT CONNECTED)
GREEN/BLACK (NOT CONNECTED)
PURPLE (NOT CONNECTED)
PURPLE/BLACK (NOT CONNECTED)
BLUE/WHITE - AMP. TURN ON (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - PARKING LIGHT (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
YELLOW/BLACK - FOOT BRAKE (CONNECT IF THERE IS A MATCH)
PINK - VEHICLE SPEED (CONNECT IF THERE IS A MATCH)
BROWN (NOT CONNECTED)
LEFT-FRONT
CENTER
SUB
(NOT CONNECTED)
(NOT CONNECTED)
(NOT CONNECTED)
STEP 5
E
C
B
A
G
F
A
B
C
G
F
E
MAESTRO RR MODULE
GMS05 T-HARNESS
STEP 3
FACTORY RADIO HARNESS
WIRES FROM VEHICLE
BROWN/YELLOW (NOT CONNECTED)
BROWN/RED (NOT CONNECTED)

SELECT RADIO BRAND AND CONNECT RADIO CONTROL CABLE ACCORDINGLY.



iDATALINK maestro

GM5

GM INSTALLATION HARNESS

FOR USE WITH MAESTRO RR

HARNAIS D'INSTALLATION GM

À UTILISER AVEC MAESTRO RR

ARNÉS DE INSTALACIÓN GM

PARA USO CON MAESTRO RR

ACCESSOIRES
connec
ACCESSORIES

idatalink.com/maestro

ADS-HRN(SR)-GMS05

iDatalink maestro

GM5

Aftermarket car radio
Autoradio de rechange
Autoestéreo de recambio

iDatalink
Maestro RR

Compatible GM vehicle
Véhicule compatible GM
Vehículo GM compatible

idatalink.com/maestro

6 27780 00597 3

Does it work with my car?
Fonctionne-t-il avec mon auto?
¿Funciona con mi coche?